

Claims

1. A pipette comprising a housing (1), said housing having a suction chamber, a piston (2) movable in said suction chamber, an adjustable threaded retainer mechanism (5, 6, 8) for retaining the motion of the piston, said retainer mechanism being provided with a range adjustment threading, and a calibration mechanism for the motion of the pipette, characterized in that the pipette also comprises a second adjustable threaded retainer mechanism (10, 12, 14) for retaining the motion of the piston, said second retainer mechanism being provided with a fine adjustment threading with a pitch that is smaller than that of the range adjustment threading of the first retainer mechanism (5, 6, 8).
2. A pipette according to claim 1, wherein there is an adjustable retainer mechanism (5, 6, 8) of the upper limit of the motion of the piston, and an adjustable retainer mechanism (10, 12, 14) of the lower limit of the motion of the piston.
3. A pipette according to claim 1, wherein in one of the two retainer mechanisms the piston has a shaft (3) provided with a threading (5) and a nut (6) that is fitted in the shaft so that it does not rotate in relation to the housing.
4. A pipette according to claim 3, wherein in the retainer mechanism of the upper limit the piston has a shaft (3) provided with a threading (5) and a nut (6) that is fitted in the shaft so that it does not rotate in relation to the housing.
5. A pipette according to claim 1, wherein in one of the two retainer mechanisms there is an adjusting nut (12) fitted in the housing by threadings.
6. A pipette according to claim 5, wherein in the retainer mechanism of the lower limit there is an adjusting nut (12) fitted in the housing by threadings.
7. A pipette according to claim 5, wherein the adjusting nut (12) is arranged in a drilling located inside the housing.
8. A pipette according to claim 1, wherein the calibration system (10, 11) is connected to the fine adjustment retainer.
9. A pipette according to claim 8, wherein in one of the two retainer mechanisms there is provided an adjusting nut (12) fitted in the housing by threadings, to which nut the calibration system (10, 11) is connected.

10. A pipette according to claim 8, wherein in the retainer mechanism of the lower limit there is provided an adjusting nut (12) fitted in the housing by threadings, to which nut the calibration system (10, 11) is connected.
- 5 11. A pipette according to claim 1, wherein the pitch of the range adjustment threading is 1 – 8 mm/revolution, and the pitch of the fine adjustment threading is 0.1 – 0.8 mm/revolution.
12. A pipette according to claim 1, wherein the pitch of the range adjustment threading is 3 – 5 mm/revolution, and the pitch of the fine adjustment threading is as 3 – 5 mm/revolution.
- 10 13. A pipette according to claim 1, wherein the adjusting margin of the range adjustment threading is 1 – 10 revolutions, such as 3 – 5 revolutions.
14. A pipette according to claim 13, wherein the adjusting margin of the range adjustment threading is 3 – 5 revolutions.
- 15 15. A pipette according to claim 1, wherein the adjusting margin of the fine adjustment threading is no more than one revolution.